

| Application/Control No. | Applicant(s)/Patent under Reexamination CHYUN, CHAN HYUK |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|--|
| 10/590,837              |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit   |  |  |  |  |  |  |  |
| Kurt Rowan              | 3643   |  |  |  |  |  |  |  |

|                                     |          |               |          |            |          |       | 19      | 1122                              | F C                       | ΔS       | SIF        | ICA | ΓΙΩΙ  | J                       |                |            |   |        |            |  |
|-------------------------------------|----------|---------------|----------|------------|----------|-------|---------|-----------------------------------|---------------------------|----------|------------|-----|-------|-------------------------|----------------|------------|---|--------|------------|--|
|                                     |          |               | OPI      | IGINAI     |          |       | - 1     |                                   |                           | LAU      | OII        |     |       |                         | CE(S)          |            |   |        |            |  |
| ORIGINAL CLASS                      |          |               |          |            |          |       |         |                                   | CROSS REFERENCE(S)        |          |            |     |       |                         |                |            |   |        |            |  |
| CLASS SUBCLASS CLASS                |          |               |          |            |          |       |         | SUBCLASS (ONE SUBCLASS PER BLOCK) |                           |          |            |     |       |                         |                |            |   |        |            |  |
| 43 113 43                           |          |               |          |            |          |       |         | 1                                 | 14                        |          |            |     |       |                         |                |            |   |        |            |  |
| INTERNATIONAL CLASSIFICATION        |          |               |          |            |          |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
| Α                                   | 0        | 1             | М        | 1/0        | 04       |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
|                                     |          |               |          |            | /        |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
|                                     |          |               |          | ,          | ,        |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
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|                                     |          |               |          | 1          |          |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
|                                     |          | /             |          |            |          |       |         |                                   |                           |          |            |     |       |                         |                |            |   |        |            |  |
| <br>(Assistant Examiner) (Date)     |          |               |          |            |          |       |         |                                   |                           |          |            |     |       | Total Claims Allowed: 7 |                |            |   |        |            |  |
|                                     |          |               |          |            |          |       |         | Kurt Rowan                        |                           |          |            |     |       | O.G.                    |                |            |   | .G.    |            |  |
|                                     | ,,       |               |          |            |          |       | ,       | (Priman, Evaminar) /Dato)         |                           |          |            |     |       | Pr                      | Print Claim(s) |            |   | t Fig. |            |  |
| (Legal Instruments Examiner) (Date) |          |               |          |            |          |       |         |                                   | (Primary Examiner) (Date) |          |            |     |       |                         |                | 1          |   | 6,     | , 8        |  |
|                                     |          | laim          | ıs re    | numbere    | d in th  | e san | ne orde | er as presented by applicant      |                           |          |            |     |       |                         |                |            |   |        | ☐ R.1.47   |  |
|                                     |          | a             |          |            | <u>a</u> |       |         | al                                |                           |          | al         |     |       | <del> </del>            |                | <u>a</u>   |   |        | al         |  |
| į į                                 | FIDal    | Original      |          | Final      | Original |       | Final   | Original                          |                           | Final    | Original   |     | Final | Original                | Final          | Original   |   | Final  | Original   |  |
|                                     | 1        | 1             | -        |            | 31       |       |         | 61                                | <u> </u>                  |          | 91         | -   |       | 121                     |                | 151        | - |        | 181        |  |
| _                                   | 2        | 2             | ┪        |            | 32       |       |         | 62                                |                           |          | 92         | 1   |       | 122                     |                | 152        | 1 |        | 182        |  |
|                                     | _        | 3             | ┪        |            | 33       |       |         | 63                                | 1                         |          | 93         | 1   |       | 123                     |                | 153        | 1 |        | 183        |  |
|                                     | 3        | 4             |          |            | 34       |       |         | 64                                | j                         |          | 94         | ]   |       | 124                     |                | 154        |   |        | 184        |  |
|                                     | 4        | 5             |          |            | 35       |       |         | 65                                | ]                         |          | 95         | ]   |       | 125                     |                | 155        |   |        | 185        |  |
| _                                   | 5        | 6             | _        |            | 36       |       |         | 66                                | ļ                         |          | 96         | _   |       | 126                     |                | 156        | 1 |        | 186        |  |
| _                                   | 6        | 7             | 4        |            | 37       |       |         | 67                                | ļ                         |          | 97         | 4   |       | 127                     |                | 157        | - |        | 187        |  |
|                                     | 7        | <u>8</u><br>9 | 4        |            | 38       |       |         | 68<br>69                          | }                         |          | 98<br>99   | -   |       | 128<br>129              |                | 158<br>159 | - |        | 188<br>189 |  |
|                                     | $\dashv$ | 10            | $\dashv$ |            | 40       |       |         | 70                                | }                         |          | 100        | ┨   |       | 130                     |                | 160        | + |        | 190        |  |
|                                     | $\dashv$ | 11            | $\dashv$ |            | 41       |       |         | 71                                | }                         |          | 101        | †   |       | 131                     |                | 161        | 1 |        | 191        |  |
|                                     |          | 12            | ┪        |            | 42       |       |         | 72                                | ĺ                         |          | 102        | ]   |       | 132                     |                | 162        |   |        | 192        |  |
|                                     |          | 13            |          |            | 43       |       |         | 73                                | ]                         |          | 103        | ]   |       | 133                     |                | 163        |   |        | 193        |  |
|                                     |          | 14            |          |            | 44       |       |         | 74                                | Į                         |          | 104        | _   |       | 134                     |                | 164        |   |        | 194        |  |
|                                     |          | 15            |          | <u> </u>   | 45       |       |         | 75                                |                           |          | 105        | 4   |       | 135                     |                | 165        |   |        | 195        |  |
| -                                   | _        | 16            |          | <u> </u>   | 46       |       |         | 76                                |                           |          | 106        | -   |       | 136                     | <u> </u>       | 166        | 4 |        | 196        |  |
|                                     | $\dashv$ | 17<br>18      |          | -          | 47<br>48 |       |         | 77<br>78                          | }                         |          | 107<br>108 | -   |       | 137<br>138              |                | 167<br>168 | - |        | 197<br>198 |  |
|                                     | $\dashv$ | 19            |          |            | 49       |       |         | 79                                | {                         |          | 109        | 1   |       | 139                     | -              | 169        |   |        | 199        |  |
|                                     | $\dashv$ | 20            |          |            | 50       |       |         | 80                                | ł                         |          | 110        | 1   |       | 140                     |                | 170        | 1 |        | 200        |  |
|                                     |          | 21            | 7        |            | 51       |       |         | 81                                | ĺ                         |          | 111        | 1   |       | 141                     |                | 171        | 1 |        | 201        |  |
|                                     |          | 22            |          |            | 52       |       |         | 82                                | ]                         |          | 112        | ]   |       | 142                     |                | 172        |   |        | 202        |  |
|                                     |          | 23            |          |            | 53       |       |         | 83                                | Į                         |          | 113        | _   |       | 143                     |                | 173        |   |        | 203        |  |
|                                     |          | 24            |          |            | 54       |       |         | 84                                | ļ                         |          | 114        | 4   |       | 144                     |                | 174        |   |        | 204        |  |
| -                                   | $\dashv$ | 25            |          |            | 55       |       |         | 85                                |                           |          | 115        | -   |       | 145                     | -              | 175        |   |        | 205        |  |
|                                     | $\dashv$ | 26<br>27      |          | <u> </u>   | 56<br>57 |       |         | 86<br>87                          | {                         |          | 116<br>117 | ┨   |       | 146<br>147              | <u> </u>       | 176<br>177 | - |        | 206        |  |
|                                     | $\dashv$ | 28            |          |            | 58       |       |         | 88                                | {                         |          | 117        | 1   |       | 148                     | -              | 177        | + |        | 207<br>208 |  |
| -                                   | +        | 29            |          |            | 59       |       |         | 89                                | {                         |          | 119        | †   |       | 149                     |                | 179        | _ |        | 209        |  |
|                                     | $\dashv$ | 30            |          |            | 60       |       |         | 90                                | Í                         |          | 120        | 1   |       | 150                     |                | 180        | 1 |        | 210        |  |
| Щ.                                  |          |               |          | Tuadamaaul | 00       | L     |         | 30                                | <u> </u>                  | <u> </u> | 120        | 1   |       | 1 100                   |                |            |   |        |            |  |